

National Center for Health Statistics

Daily Updates of Totals by Week and State

Provisional Death Counts for Coronavirus Disease 2019 (COVID-19)

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Updated: July 22, 2020

 Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of July 22, 2020. Death counts are delayed and may differ from other published sources (see Technical Notes). Counts will be updated periodically. Additional information will be added to this site as available.

The provisional counts for coronavirus disease 2019 (COVID-19) deaths are based on a current flow of mortality data in the National Vital Statistics System. National provisional counts include deaths occurring within the 50 states and the District of Columbia that have been received and coded as of the date specified. It is important to note that it can take several weeks for death records to be submitted to National Center for Health Statistics (NCHS), processed, coded, and tabulated. Therefore, the data shown on this page may be incomplete, and will likely not include all deaths that occurred during a given time period, especially for the more recent time periods. Death counts for earlier weeks are continually revised and may increase or decrease as new and updated death certificate data are received from the states by NCHS. COVID-19 death counts shown here may differ from other published sources, as data currently are lagged by an average of 1–2 weeks.

The provisional data presented on this page include the weekly provisional count of deaths in the United States due to COVID-19, deaths from all causes and percent of expected deaths (i.e., number of deaths received over number of deaths expected based on data from previous years), pneumonia deaths (excluding pneumonia deaths involving influenza), pneumonia deaths involving COVID-19, influenza deaths, and deaths involving pneumonia, influenza, or COVID-19; (a) by week ending date and (b) by specific jurisdictions.

Table 1 has counts of death involving COVID-19 and select causes of death by the week ending date in which the death occurred. For deaths involving COVID-19 by week ending date at the state level,  [Click here to download](#).

▼ Table 1. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and influenza reported to NCHS by week ending date, United States. Week ending 2/1/2020 to 7/18/2020.*

Updated July 22, 2020

Week ending date in which the death occurred	All Deaths involving COVID-19 (U07.1) ¹	Deaths from All Causes	Percent of Expected Deaths ²	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) ³	Deaths involving COVID-19 and Pneumonia, excluding Influenza (U07.1 and J12.0–J18.9) ³	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11), includes COVID-19 or Pneumonia ⁴	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) ⁵
Total Deaths	130,250	1,466,723	107	138,829	56,231	6,553	218,441
2/1/2020	0	58,371	98	3,779	0	479	4,258
2/8/2020	1	59,131	99	3,782	0	519	4,302
2/15/2020	0	58,421	99	3,809	0	554	4,363
2/22/2020	5	58,477	101	3,669	1	563	4,236
2/29/2020	6	58,659	102	3,785	3	645	4,433
3/7/2020	35	58,737	102	3,915	17	625	4,557
3/14/2020	52	57,737	101	3,907	27	612	4,543
3/21/2020	564	58,593	103	4,499	250	550	5,356
3/28/2020	3,139	62,592	112	6,137	1,418	440	8,248
4/4/2020	9,932	71,826	128	9,854	4,723	477	15,304
4/11/2020	16,073	78,541	142	11,919	7,191	472	20,933
4/18/2020	16,957	76,220	141	11,328	7,271	264	21,090
4/25/2020	15,301	73,200	136	10,291	6,560	143	19,079
5/2/2020	13,020	68,552	128	8,864	5,474	65	16,455
5/9/2020	11,020	65,903	125	7,732	4,654	46	14,135
5/16/2020	9,008	63,358	121	6,638	3,717	19	11,945
5/23/2020	7,030	60,330	116	5,758	2,922	23	9,885
5/30/2020	5,998	57,962	112	5,125	2,428	11	8,706
6/6/2020	4,843	56,398	108	4,715	2,085	11	7,484
6/13/2020	4,017	54,315	105	4,261	1,791	11	6,495
6/20/2020	3,522	52,933	102	3,991	1,491	5	6,027
6/27/2020	3,230	51,448	100	3,668	1,325	10	5,582
7/4/2020	3,276	48,439	93	3,466	1,421	2	5,322
7/11/2020	2,531	40,259	78	2,939	1,161	4	4,313

NOTE: Number of deaths reported in this table are the total number of deaths received and coded as of the date of analysis and do not represent all deaths that occurred in that period. Counts of deaths occurring before or after the reporting period are not included in the table. The United States population, based on 2018 postcensal estimates from the U.S. Census Bureau, is 327,167,434.

*Data during this period are incomplete because of the lag in time between when the death occurred and when the death certificate is completed, submitted to NCHS and processed for reporting purposes. This delay can range from 1 week to 8 weeks or more, depending on the jurisdiction and cause of death.

¹Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1

²Percent of expected deaths is the number of deaths for all causes for this week in 2020 compared to the average number across the same week in 2017–2019. Previous analyses of 2015–2016 provisional data completeness have found that completeness is lower in the first few weeks following the date of death (<25%), and then increases over time such that data are generally at least 75% complete within 8 weeks of when the death occurred (8).

³Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

⁴Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

⁵Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09–J18.9.

▼ **Table 2. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and influenza reported to NCHS by jurisdiction of occurrence, United States. Week ending 2/1/2020 to 7/18/2020.***

Updated July 22, 2020

Jurisdiction of Occurrence	All Deaths involving COVID-19 (U07.1) ¹	Deaths from All Causes	Percent of Expected Deaths ²	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) ³	Deaths involving COVID-19 and Pneumonia, excluding Influenza (J12.0–J18.9 and U07.1) ³	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11) ⁴	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) ⁵
United States ⁶	130,250	1,466,723	107	138,829	56,231	6,553	218,441
Alabama	1,265	25,851	102	1,778	392	95	2,743
Alaska	11	1,876	91	80	-	-	91
Arizona	2,443	33,702	116	3,183	1,342	114	4,398
Arkansas	362	15,505	101	1,069	149	76	1,358
California	7,100	136,322	105	12,852	3,921	577	16,607
Colorado	1,643	20,916	111	1,888	846	95	2,775
Connecticut	4,031	16,427	108	1,651	903	73	4,849
Delaware	517	4,823	109	412	200	16	745
District of Columbia	644	3,511	120	819	629	-	843
Florida	4,341	106,428	105	8,362	2,155	310	10,848
Georgia	2,547	41,746	103	3,191	1,141	110	4,706
Hawaii	20	5,434	96	325	-	20	359
Idaho	114	6,814	99	323	31	25	431

Illinois	6,652	59,322	117	6,599	3,313	177	10,112
Indiana	2,733	33,827	106	3,265	1,133	131	4,992
Iowa	794	14,629	101	1,044	231	84	1,691
Kansas	315	12,646	100	830	143	89	1,091
Kentucky	656	22,095	95	2,028	316	98	2,465
Louisiana	3,090	24,141	110	2,413	1,456	72	4,113
Maine	130	7,118	102	492	26	31	627
Maryland	3,622	28,303	118	3,017	1,334	126	5,415
Massachusetts	7,753	35,644	124	4,879	2,797	162	9,989
Michigan	5,596	52,089	112	5,459	2,747	240	8,543
Minnesota	1,484	22,610	107	1,714	413	121	2,905
Mississippi	1,206	16,564	109	1,684	563	52	2,379
Missouri	1,016	30,488	98	1,869	336	177	2,726
Montana	30	4,759	97	240	-	34	298
Nebraska	286	7,957	97	606	110	28	810
Nevada	577	12,846	102	1,180	426	41	1,372
New Hampshire	383	6,325	107	428	104	30	736
New Jersey	13,811	51,565	144	9,260	6,706	121	16,472
New Mexico	516	9,077	101	719	218	29	1,046
New York ⁷	11,242	60,579	126	9,479	5,462	209	15,450
New York City	20,460	52,071	201	10,517	7,882	962	23,225
North Carolina	1,222	36,756	80	2,614	455	227	3,606
North Dakota	104	3,308	97	280	30	20	374
Ohio	2,703	58,441	99	3,854	1,126	260	5,690
Oklahoma	421	17,893	94	1,562	159	109	1,927
Oregon	257	17,183	98	839	85	65	1,075
Pennsylvania	7,227	66,102	101	5,701	2,612	213	10,525
Rhode Island	940	5,457	108	600	366	25	1,199
South Carolina	967	25,505	108	1,705	376	99	2,394
South Dakota	116	3,767	96	288	49	26	381
Tennessee	672	36,050	101	2,639	259	130	3,182
Texas	3,706	100,356	104	8,003	1,645	344	10,404
Utah	219	9,489	104	531	76	40	714

Vermont	57	2,822	102	154	14	16	213
Virginia	2,068	34,862	106	2,164	701	111	3,640
Washington	1,235	27,336	99	2,114	655	111	2,800
West Virginia	103	8,691	80	635	34	58	762
Wisconsin	825	26,487	104	1,355	139	150	2,189
Wyoming	18	2,208	102	136	-	-	156
Puerto Rico	163	12,454	88	1,555	87	63	1,693

NOTE: Number of deaths reported in this table are the total number of deaths received and coded as of the date of analysis and do not represent all deaths that occurred in that period. Counts of deaths occurring before or after the reporting period are not included in the table.

*Data during this period are incomplete because of the lag in time between when the death occurred and when the death certificate is completed, submitted to NCHS and processed for reporting purposes. This delay can range from 1 week to 8 weeks or more, depending on the jurisdiction and cause of death.

¹Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1.

²Percent of expected deaths is the number of deaths for all causes for this week in 2020 compared to the average number across the same week in 2017–2019.

³Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

⁴Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

⁵Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09-18.9.

⁶United States death count includes the 50 states, plus the District of Columbia and New York City.

⁷Excludes New York City.

Understanding the Numbers: Provisional Death Counts and COVID-19

Provisional death counts deliver the most complete and accurate picture of lives lost to COVID-19. They are based on death certificates, which are the most reliable source of data and contain information not available anywhere else, including comorbid conditions, race and ethnicity, and place of death.

How it Works

The National Center for Health Statistics (NCHS) uses incoming data from death certificates to produce provisional COVID-19 death counts. These include deaths occurring within the 50 states and the District of Columbia.

NCHS also provides summaries that examine deaths in specific categories and in greater geographic detail, such as deaths by county and by race and Hispanic origin.

COVID-19 deaths are identified using a new ICD-10 code. When COVID-19 is reported as a cause of death – or when it is listed as a “probable” or “presumed” cause — the death is coded as **U07.1**. This can include cases with or without laboratory confirmation.

Why These Numbers are Different

Provisional death counts may not match counts from other sources, such as media reports or numbers from county health departments. Counts by NCHS often track 1–2 weeks behind other data.

- **Death certificates take time to be completed.** There are many steps to filling out and submitting a death certificate. Waiting for test results can create additional delays.
- **States report at different rates.** Currently, 63% of all U.S. deaths are reported within 10 days of the date of death, but there is significant variation between states.
- **It takes extra time to code COVID-19 deaths.** While 80% of deaths are electronically processed and coded by NCHS within minutes, most deaths from COVID-19 must be coded by a person, which takes an average of 7 days.
- **Other reporting systems use different definitions or methods for counting deaths.**

Things to know about the data

Provisional counts are not final and are subject to change. Counts from previous weeks are continually revised as more records are received and processed.

Provisional data are not yet complete. Counts will not include all deaths that occurred during a given time period, especially for more recent periods. However, we can estimate how complete our numbers are by looking at the average number of deaths reported in previous years.

Death counts should not be compared across states. Some states report deaths on a daily basis, while other states report deaths weekly or monthly. State vital record reporting may also be affected or delayed by COVID-19 related response activities.

For more detailed technical information, visit the [Provisional Death Counts for Coronavirus Disease 2019 \(COVID-19\) Technical Notes](#) page.

